



Click [here](#) for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| Chip Size  | 1206            |
| L          | 3.2mm +/-0.2mm  |
| W          | 1.6mm +/-0.2mm  |
| T          | 1.6mm +/-0.20mm |
| B          | 0.5mm +/-0.25mm |

  

| Packaging Specifications |                          |
|--------------------------|--------------------------|
| Packaging                | T&R, 330mm, Plastic Tape |
| Packaging Quantity       | 8000                     |

| General Information |   |
|---------------------|---|
| Series              | SMD Comm X7R                            |
| Style               | SMD Chip                                |
| Description         | SMD, MLCC, Temperature Stable, Class II |
| Features            | Temperature Stable, Class II            |
| RoHS                | Yes                                     |
| Termination         | Tin                                     |
| Marking             | No                                      |
| AEC-Q200            | No                                      |
| Component Weight    | 41 mg                                   |
| Shelf Life          | 78 Weeks                                |
| MSL                 | 1                                       |

| Specifications   |   |
|--|---|
| Capacitance  | 22 uF   |
| Measurement Condition  | 120 Hz 0.5Vrms                                |
| Capacitance Tolerance  | 20%   |
| Voltage DC   | 10 VDC  |
| Dielectric Withstanding Voltage                                    | 25 VDC  |
| Temperature Range  | -55/+125°C                                    |
| Temperature Coefficient  | X7R   |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 15%, 120Hz 0.5Vrms                            |
| Dissipation Factor   | 10% 120 Hz 0.5Vrms                            |
| Aging Rate   | 3% Loss/Decade Hour: Referee Time is 48 Hours |
| Insulation Resistance  | 4.5 MOhms                                     |

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